Electronic Ack	Electronic Acknowledgement Receipt				
EFS ID:	8016571				
Application Number:	09534191				
International Application Number:					
Confirmation Number:	2008				
Title of Invention:	LRU CACHE REPLACEMENT FOR A PARTITIONED SET ASSOCIATIVE CACHE				
First Named Inventor/Applicant Name:	Chan W. Lee				
Customer Number:	45209				
Filer:	Daniel De Vos				
Filer Authorized By:					
Attorney Docket Number:	042390.P4740				
Receipt Date:	14-JUL-2010				
Filing Date:	24-MAR-2000				
Time Stamp:	20:29:15				
Application Type:	Utility under 35 USC 111(a)				

## **Payment information:**

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$810
RAM confirmation Number	7761
Deposit Account	022666
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

File Listing: File Size(Bytes)/ Multi **Document Pages File Name Document Description** Number Message Digest Part /.zip (if appl.) 56189 Request for Continued Examination 42390P4740\_RCE\_Transmittal. 1 1 no (RCE) pdf 6cc1054cbcd9647d8019ef21d400f9840742 Warnings: This is not a USPTO supplied RCE SB30 form. Information: 350809 42390P4740\_IDS\_and\_1449. yes 2 6 pdf a3414aabedb24410dad0852fd5cafbb6e78 Multipart Description/PDF files in .zip description **Document Description** Start **End** Transmittal Letter 1 2 Information Disclosure Statement (IDS) Filed (SB/08) 3 6 Warnings: Information: 4077415 3 Foreign Reference EP0863462.pdf no 90 d9ecc5e17c5cf5fcb5c41560fd4e71aa4ecf4 Warnings: Information: 593846 4 Foreign Reference JP11066849.pdf no 12 6ea82d56e45f4a8adae6a1a519502ff6243 Warnings: Information: 2544880 5 Foreign Reference WO9921081.pdf 53 no 968cf2d9f48f30ab74b0c92720d2ee59d3a 43df Warnings: Information: 2441571 6 Foreign Reference WO9921089.pdf 58 no a0bdbeab715c7f9747a43a487306e7fb654 e7eff Warnings: Information:

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

7	Foreign Reference	PCTUS0028421.pdf	3172276	no	78
,	roreignmererenee		c746e5bba190b16d8cd57517d8f20836d17 c3bfd		, ,
Warnings:					
Information:					
8	Foreign Reference	PCTUS0028422.pdf	2963319	no	77
		<u> </u>	1ce403eba98e7b6e1031e13b6037d4e928 2b9710		''
Warnings:					
Information:					
9	Foreign Reference	PCTUS0028213.pdf	2976715	no	84
			925282866c92e4f4a06134af56dba2bc07d 7c3cd		
Warnings:					
Information:					
10	Foreign Reference	RU2029359.pdf	888452	no	18
		· ·	42a06112f5815d028dda116fde4cc832872 377b6		
Warnings:					
Information:					
11	Foreign Reference	RU2110089.pdf	1789231	no	48
	, 0.019		feb8c128aa4eafca0f983991f2062dc24d75b 29f		
Warnings:					
Information:					
12	NPL Documents	PCTUS0101577_WO_110901.	159441	no	4
12	W E Documents	pdf	9eb6c2bf8e6e277927a89bfc4360194caca1 637a	110	
Warnings:					
Information:					
13	NPL Documents	PCTUS0010800_ISR_022001.	326196	no	7
	W 2 bocaments	pdf	719e8b40ac145243b57db0bb5778be6ff32 ba6f3	110	
Warnings:					
Information:					
14	NPL Documents	PCTUS0010800_IPER_111501.	188022	no	4
14	NI E Documents	pdf	ddac13a6aec880b67a5a895d7aee930b094 6c1a3	110	7
Warnings:					
Information:					
15	NPL Documents	PCTUS0028421_ISR_020201.	300677	200	6
15	NPL Documents	pdf	41cfe69f197e196c6629e77020242307f357 54d2	no	
Warnings:		•	-		-
Information:					

16	NPL Documents	PCTUS0028421_IPER_092801.	135190	no	3
		pdf	13ac6782bee10c7bbbb2d908fb4e684abec 82e59		
Warnings:					
Information:					
17	NPL Documents	PCTUS0028213_ISR_091401.	284607	no	6
		pdf	92cf90ef458c83f6795186e92b7ae1f95a572 736		
Warnings:					
Information:					
18	NPL Documents	PCTUS0028213_IPER_092601.	196081	no	4
		pdf	cf872318979fc196ad50f382db19db682d38 52a5		
Warnings:					
Information:					
19	NPL Documents	PCTUS0017664_WO_040401.	184653	no	4
		pdf	5442514e2780d14dbbd5f82c1af8ee5d873 ba361	no	·
Warnings:					
Information:					
20	NPL Documents	PCTUS0017664_ISR_113000.	321388	no	7
	, ii 2 5 ccaments	pdf	8d242f6e01abbb3f3f98fdfd58ed9ee56f171 8ac		ĺ
Warnings:					
Information:					
21	NPL Documents	PCTUS0017664_IPER_081601.	204580	no	4
21	N E Bocaments	pdf	ca7090fcfe0057465eb10d581d5dd9530d7f a1c4		4
Warnings:					
Information:					
22	NPL Documents	PCTUS0028422_IPER_092602.	187272	no 2	4
	W 2 Documents	pdf	12cffb9026c829cb55f4750442b44c53c3d2 e712		
Warnings:		•			•
Information:					
22	NPI Documents	PCTUS0028422_ISR_092601.	334748	no	7
23	NPL Documents	pdf	60b7e7131b6c5f8343e2ac0003b2ff3e4ebe 11b7		7
Warnings:		•			
Information:					
24	24 NPL Documents	PCTUS0032241_ISR_032301.	347495	no	7
		pdf	4cf308a9caaf1865c245d677569355e29b21 b1ad		
Warnings:		·			•

25		PCTUS0032241_WO_091401.	152283	no	4
		pdf	a7baa961bbf2806128a40423c1492999af07 97c8		
Warnings:					
Information:					
26	NPL Documents	PCTUS0032241_IPER_102302.	193746	no	4
	, a pocament	pdf	7b75c009ecd046b33ee4d8bd04de7cee52 474d4d		·
Warnings:					
Information:					
27	NPL Documents	NPL_ROSENBERG_1.pdf	290135	no	4
27	W E Bocaments	W E_NOSENG_N,par	cfd95941ed36b568c056c8e61ec97419cfdd 604d	110	7
Warnings:					
Information:					
28	NPL Documents	NPL_ROSENBERG_2.PDF	272812	no	3
20	NEL Documents	NFL_NOSLINDLING_2.FDF	c952c18ad76b9c75dcf5180547a3443e9c3 1acfb	no	3
Warnings:					
Information:					
29	NPL Documents	NPL_AGARWAL.pdf	939247	no	11
29	NEL Documents	NFL_AGANVVAL.pui	ba28a02dcfa859dee79ee72d421b95365de 2abf7		"
Warnings:					
Information:					
30	NPL Documents	NPL_ZILLES.pdf	1091602	no	11
30	NI L Documents	W L_ZIELES.pui	b9f19e03663365a9475536d27d79bac9902 011f9		"
Warnings:					
Information:					
31	NPL Documents	NPL_MIYAKE.pdf	531201	no	8
31	NFL Documents	NFL_MITAKE.pdi	14571d260da7b5370301b1ab7ca17fd12cb c12e9		٥
Warnings:					
Information:					
22	NDI Doguments	NDI ECCEDS - 45	936354	no	0
32	32 NPL Documents	NPL_EGGERS.pdf	f7cb10eea1405901d652d664fe29fb01a27b 53db		8
Warnings:			1	•	
Information:					
22	NDI D	NO THESE IS	1101878	no	40
33	NPL Documents	NPL_TULLSEN.pdf	65f992f433f547cbb4a42d0c56fd47b984ba		12
			df52		
Warnings:			df52		

34	NPL Documents	NPL_AMAMIYA.pdf	909876	no	12	
34	WE Documents	_ I	0b698839ad735e148ea7b4ae4cce6229432 fb7fb		12	
Warnings:						
Information:						
35	NPL Documents	NPL_ORTIZ.pdf	492973	no	7	
		=_= =	b98e67627c9ca98c2893618736e3652a28d cae0f		,	
Warnings:						
Information:		<u> </u>			<del> </del>	
36	NPL Documents	NPL_JONSSON.pdf	1428674	no	27	
		=	d7e62a98ad1246728bd63bad084c5f0f98d 5b15c			
Warnings:						
Information:						
37	NPL Documents	Chinese_OA_121903.PDF	737598	no	15	
3,	W E Documents	Chinese_OA_121903.1 Di	ad95304d9edce8450a079beed9621b6229 d38a5d	110		
Warnings:						
Information:						
38	NPL Documents	Chinese_OA_092206.PDF	348304	no	6	
38	WE Documents	Clillese_OA_092200.l DI	d02776a3b6fa1439d623b1248b5689e324a a6958	110		
Warnings:					-	
Information:						
39	NPL Documents	Chinasa OA 082100 PDE	356889	no	7	
39	Nr L Documents	Chinese_OA_082109.PDF	9cbeb0979d7d13092ff256e5c841e7d4780 54f24		,	
Warnings:		1				
Information:						
40	NDI Danimanta	C 0A 022005 DD5	388747		11	
40	NPL Documents	German_OA_022805.PDF	adc10e7a0bc2e84f928cb84b7189d41d927 aaba4	no	11	
Warnings:		1				
Information:						
41	NDI D	C 04 101705 DD5	133340	no		_
41	NPL Documents	German_OA_101705.PDF	42c84cb695cb5bca4f379664c7a6880782aa 137d		4	
Warnings:		1	ı		1	
Information:						
42	NPL Documents	UK_OA_102803.PDF	166248	no 5	4	
			1ee351f11dde9d2441aece38704f4ed99b5 95bc3		<u> </u>	
Warnings:						
Information:						

43	NPL Documents	EP_OA_050404.PDF	98196	no	3
		[	8bc12c01f4331c66991be6a44848816964a 179f5		
Warnings:					
Information:					
44	NPL Documents	EP_OA_103105.PDF	225486	no	6
			e39879f7e56c8830d57ab260ed03b414d9d 9535a		
Warnings:					
Information:					
45	NPL Documents	Chinese_OA_122603.PDF	450662	no	10
			3aea78510bd32bdaead359bda09fc4c0570 3fddd		
Warnings:					I
Information:					
46	NPL Documents	Chinese_OA_040204.PDF	337073	no	8
40	NFL Documents	Clillese_OA_040204.FDF	edd48951e6ae62db777aed01d052777b47 c69250	no	8
Warnings:					
Information:					
47	NPL Documents	Chinese_OA_013004.PDF	451867	no	11
			ce2188fe2425595b27dfe6d549551c3ea26f 0f5b		
Warnings:		·			•
Information:					
			68062		
48	NPL Documents	Chinese_OA_082506.PDF	266f52626f08071c49faa9ef739478e4e24dc 579	no	2
Warnings:					ı
Information:					
49	NPL Documents	Russian_OA_091003.PDF	243323		_
49	NFL Documents	Russian_OA_091003.FDF	86474790c5db1db3e620f9731b7642b8c44 d1780	no	5
Warnings:		<u> </u>	]		I
Information:					
			126093	no	
50	NPL Documents	UK_OA_022604.PDF	de01e43e12fd279268a7888fce1198bc17b 64f8f		3
Warnings:		1	1		<u> </u>
Information:					
51	NPL Documents	Taiwanese_OA_022003.PDF	112638	no	3
51	ST INFL DOCUMENTS	Taiwanese_On_022003.FDF	da354ebe74b937679749e44ef272fd0d150 74428		
Warnings:		•			•
Information:					

52	NPL Documents	Taiwanese_OA_100202.PDF	102684	no	3
52	Ni E Documents	I I	31ace11d404df38ee1eaaaa71d443d45501f 3460	no	,
Warnings:					•
Information:					
53	NPL Documents	Taiwanese_OA_103103.PDF	108006	no	3
			b6d3205c1deb5ad88db409da1625cb5375 027b5f		
Warnings:					
Information:		1	1		
54	NPL Documents	Taiwanese_OA_072304.PDF	107367	no	3
			3f7914b59ef480221b85e38a8ac1a1ae16d0 54fe		
Warnings:					
Information:					
55	NPL Documents	Chinese_OA_011604.PDF	1521025	no	34
	, ii _ b c c a ii c ii c		e68542754da20d9c7f6d9fd6c5575a86e19 740ec	•	
Warnings:					
Information:					
56	NPL Documents	Chinese_OA_061104.PDF	538478	no	12
30	Ni E Documents		de1ebf07cd930f4540d64e509f68be95e61d 0969		12
Warnings:					
Information:					
57	NPL Documents	Koroan OA 001504 PDE	98134	no	3
3/	NFL Documents	Korean_OA_091504.PDF	dde6014ee01a9b0e1b06ee4d62467f4de3b a2a9b		3
Warnings:					
Information:					
58	NPL Documents	Korean_OA_032805.PDF	234250	no	4
36	NEL DOCUMENTS	Kolean_OA_032803.FDF	6461fa97b0965e567b6eafccac2d827acf93 2e06	110	4
Warnings:					-
Information:					
59	NPI Documents	EP_OA_052005.PDF	163305	no	5
39	59 NPL Documents		49d98ffdb9216e84d78d3fe1ac41c81b10a2 0404		
Warnings:					
Information:					
60	60 Fee Worksheet (PTO-875)	fee-info.pdf	30416	no	2
	reconstruct (10075)		385ecfbf44af78623758a0cea93852c7a6d1 99e8		
Warnings:					
Information:					

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.